

Title (en)  
SENSOR SYSTEMS

Title (de)  
SENSORSYSTEME

Title (fr)  
SYSTÈMES DE CAPTEURS

Publication  
**EP 3190389 A1 20170712 (EN)**

Application  
**EP 17150661 A 20170109**

Priority  
US 201614991276 A 20160108

Abstract (en)  
A sensor assembly includes a frame (102) defining a sensor axis having opposing endplates (110) with axially extending supports (108). The opposing endplates are connected by a pair of axially extending side beams (112). A suspended mass (104) is within an interior of the frame suspended from the supports of the frame. A plurality of piezoelectric material layers (114) are operatively connected to sides of respective spacers opposite the frame to damp vibrations of the suspended mass.

IPC 8 full level  
**G01D 11/10** (2006.01)

CPC (source: EP)  
**G01D 11/10** (2013.01)

Citation (search report)

- [XYI] US 2008168840 A1 20080717 - SEELEY CHARLES ERKLIN [US], et al
- [X] US 4326275 A 19820420 - BUTLER JOHN L
- [X] JP S60244863 A 19851204 - TOYOTA MOTOR CO LTD
- [Y] US 2005062365 A1 20050324 - TANIMOTO TOSHIO [JP]
- [A] EP 1422440 A1 20040526 - ROLLS ROYCE DEUTSCHLAND [DE]
- [A] FR 2692017 A1 19931210 - CLAUSIN JACQUES [FR]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3190389 A1 20170712; EP 3190389 B1 20191225; EP 3663725 A1 20200610**

DOCDB simple family (application)  
**EP 17150661 A 20170109; EP 19219538 A 20170109**